(19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 23 June 2005 (23.06.2005)

PCT

(10) International Publication Number WO 2005/057856 A2

(51) International Patent Classification7:

H04L 12/26

(21) International Application Number:

PCT/GB2004/005164

- (22) International Filing Date: 9 December 2004 (09.12.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/528,717

12 December 2003 (12.12.2003)

- (71) Applicant (for all designated States except US): XYRA-TEX TECHNOLOGY LIMITED [GB/GB]; Langstone Road, Havant, Hampshire PO9 1SA (GB).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): DRIES, William, Mark [GB/GB]; 49 Lime Avenue, Southampton, Hampshire SO19 8NY (GB). RICKARD, Kathryn, Elizabeth [GB/GB]; Elder Cottage, St Andrews Close, Timsbury, Romsey, Hampshire SO51 ONA (GB). BLOXHAM, Christopher [GB/GB]; The Close, St Peters Vicarage, Westhampnett, Chichester, West Sussex PO18 0NT (GB).

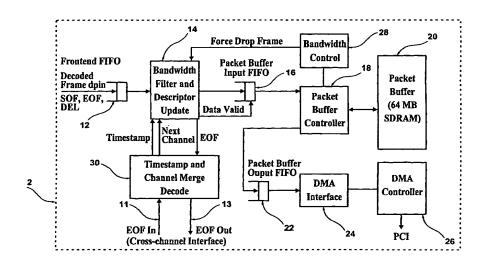
- (74) Agent: FREEMAN, Avi; Beck Greener, Fulwood House, 12 Fulwood Place, London WC1V 6HR (GB).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: A METHOD OF TRANSFERRING DATA, A NETWORK ANALYSER CARD, A HOST FOR CONNECTION TO A NETWORK, A METHOD OF NAVIGATING THROUGH A MEMORY AND A METHOD OF CREATING A MERGED DATA **STREAM**



(57) Abstract: The invention relates to a method of transferring data to from a network to a host using a network analyser card, the method comprising: at a network analyser card, receiving a plurality of data frames from a network link; adding a descriptor to the or each frame, the descriptor including data about the frame; and, transferring the or each data frame and its or their attached descriptor to a host memory.



WO 2005/057856 A2

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.